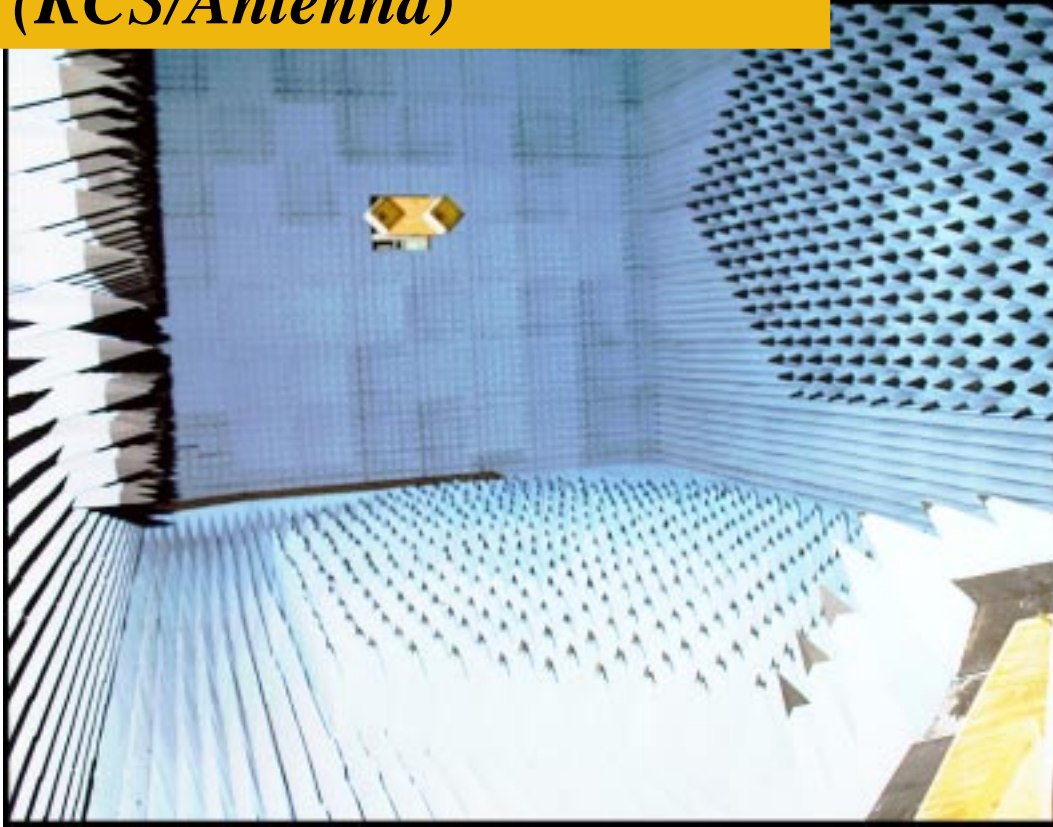


ANECHOIC CHAMBER ***(RCS/Antenna)***



The enclosed chamber is used for measurement of antenna systems, antenna patterns and radar cross section characteristics. Data may be obtained from scale model aircraft or missiles via automated measurements in an anechoic chamber. The radar scattering return is measured from targets ranging from scale model aircraft to antennas and other components. Diagnostic test procedures are used to indicate major flare spots to enable development of treatments to alter the scattering return. The indoor anechoic chamber is 40 feet by 20 feet by 20 feet with a 6 foot cylindrical quiet zone. The facility is primarily used for RCS and antenna pattern measurements of antennas and partial full-scale aircraft mock-ups or other devices. Measurement capabilities include an integrated suite of instrumentation and software for automated antenna and RCS measurements.

For more information about the Anechoic Chamber (RCS/Antenna) contact the RF Sensors Branch at the Naval Air Warfare Center Aircraft Division, Patuxent River, Maryland, at 301-342-9152.

